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Title: Adaptive-Allocation Of I/O Bandwidth Using A Configurable Interconnect Topology
Applicants: Michael Ching et al. Docket: RAMB-01050US0
Appl. No.: Unknown Atty: Kirk J. DeNiro, Esq.

Filing Date: Herewith Express Mail No.: EV 391867365 US

Atty: Kirk J. DeNiro, Esq. Phone: (415) 369-9660

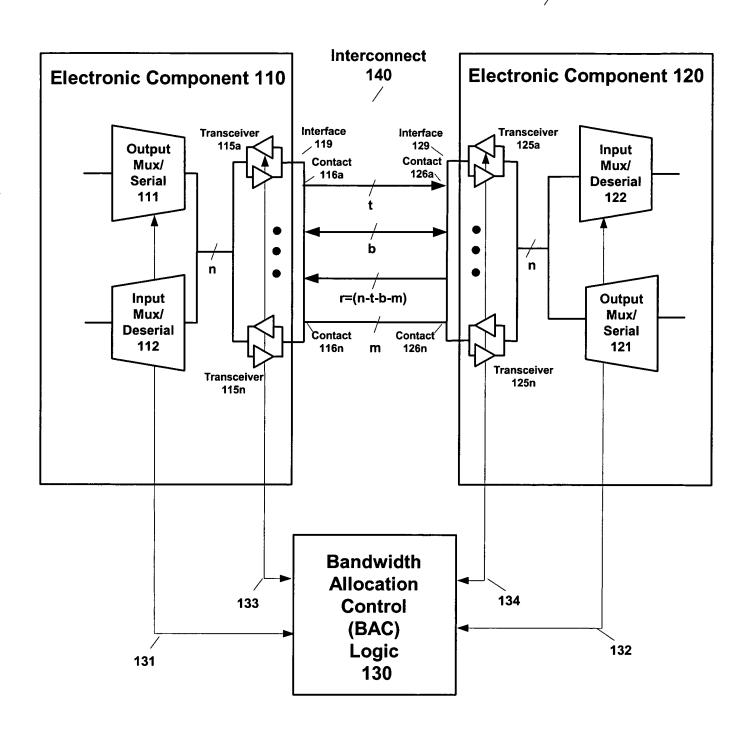


Fig. 1

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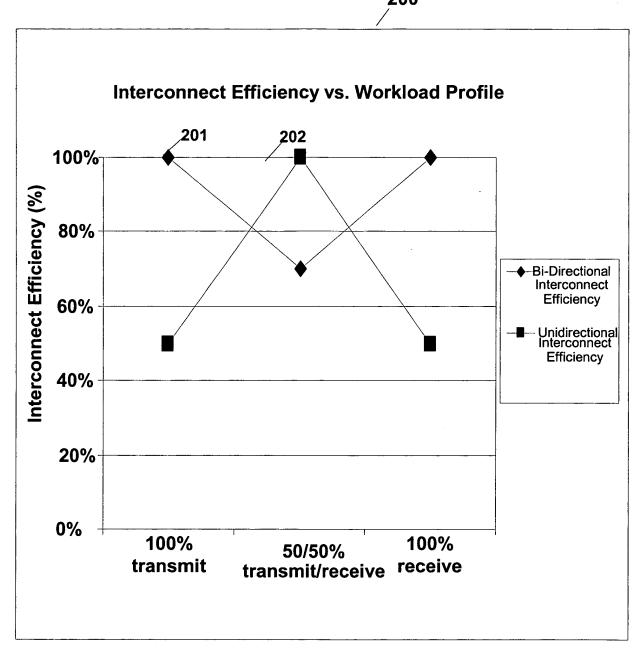


Fig. 2

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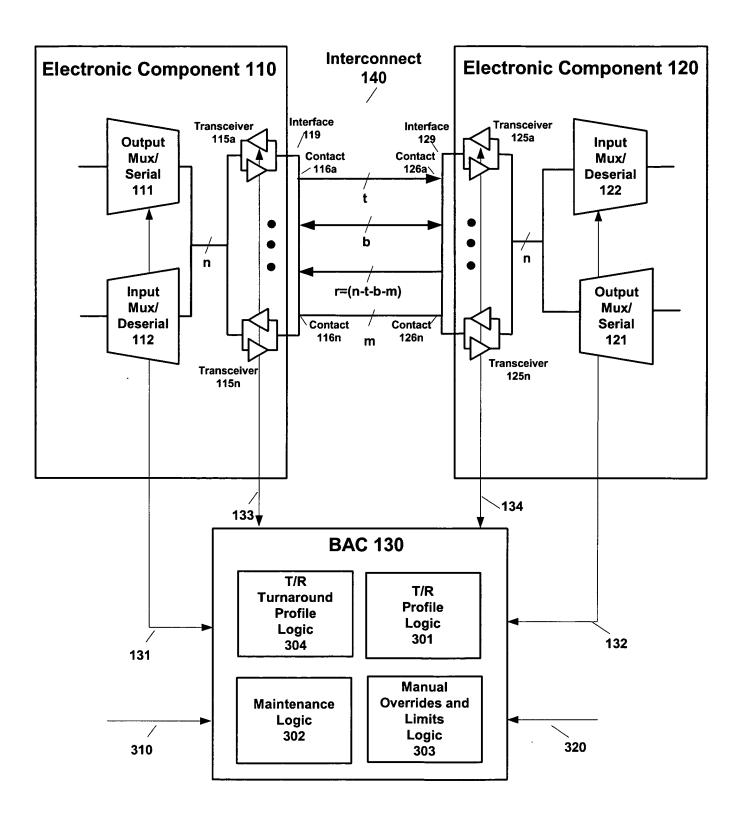


Fig. 3

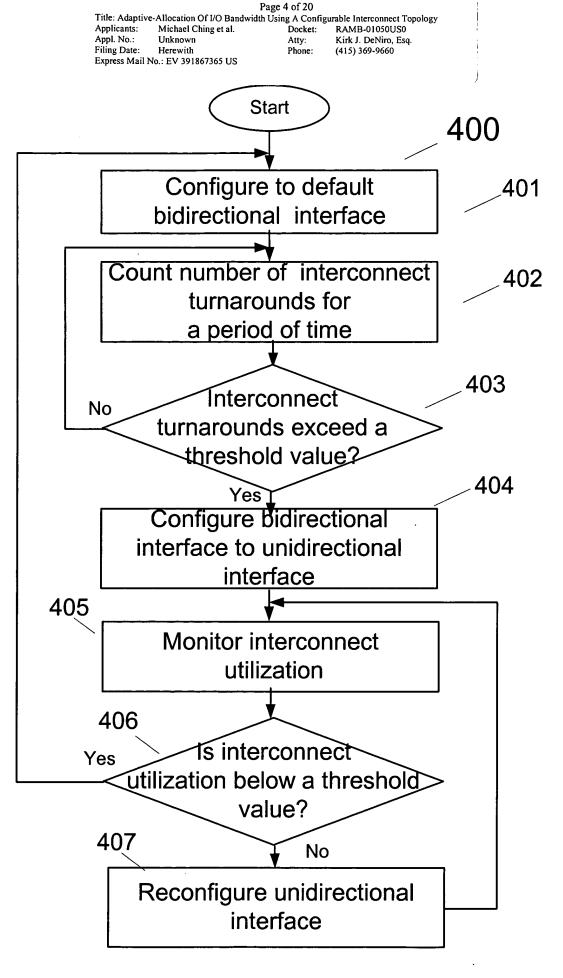


Fig. 4

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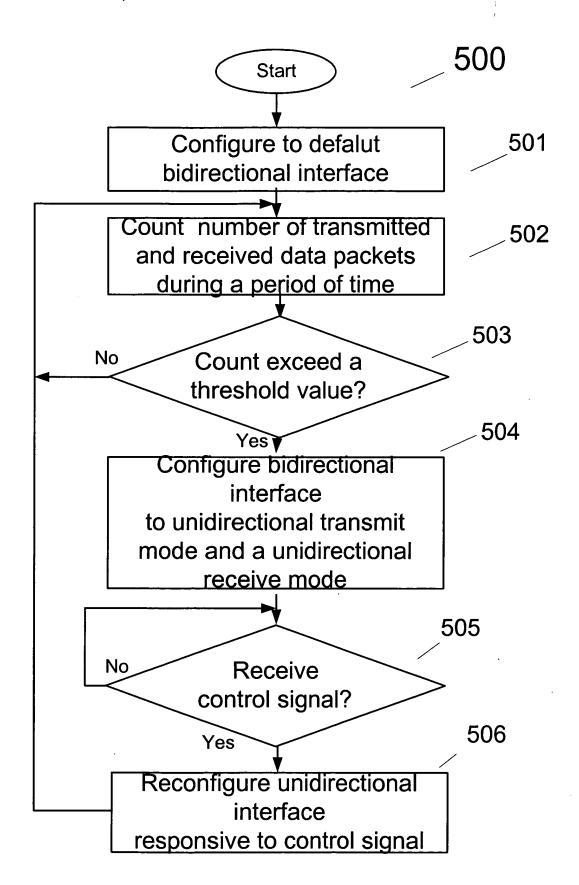


Fig. 5

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Title: Adaptive-Allocation Of I/O Bandwidth Using A Configurable Interconnect Topology Michael Ching et al. Applicants: RAMB-01050US0 Docket:

Appl. No.: Unknown Filing Date: Herewith

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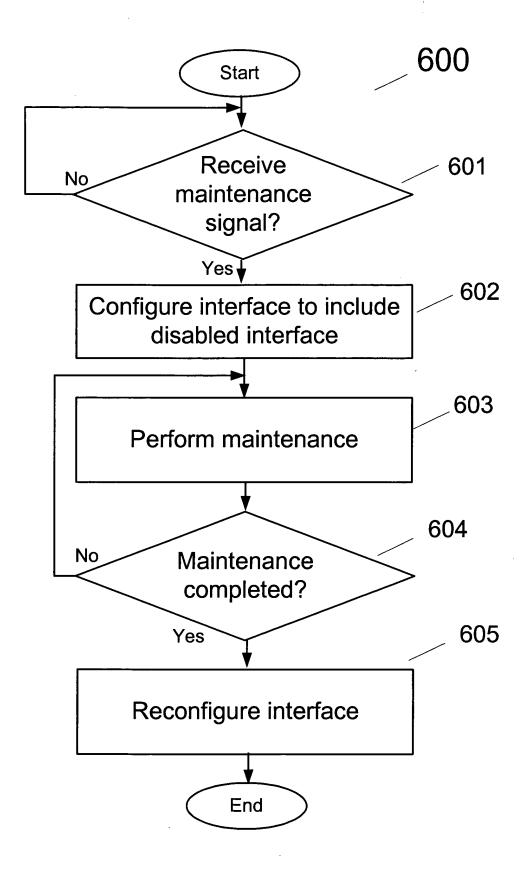
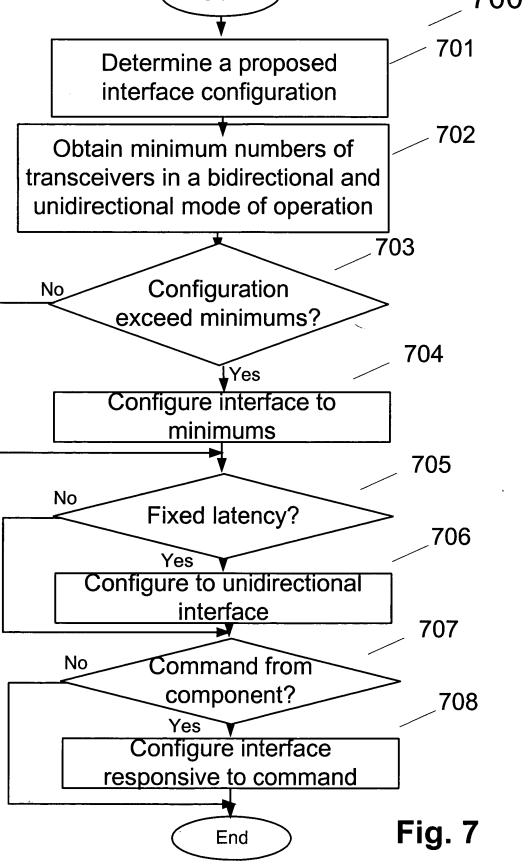


Fig. 6

Page 7 of 20 Title: Adaptive-Allocation Of I/O Bandwidth Using A Configurable Interconnect Topology Applicants: Michael Ching et al. Docket: RAMB-01050US0 Appl. No.: Kirk J. DeNiro, Esq. Atty: Filing Date: Herewith Phone: (415) 369-9660 Express Mail No.: EV 391867365 US 700 Start 701 Determine a proposed interface configuration 702 Obtain minimum numbers of unidirectional mode of operation 703 Configuration No exceed minimums? 704 LYes Configure interface to minimums 705 No Fixed latency? 706 Yes Configure to unidirectional interface 707 Command from No



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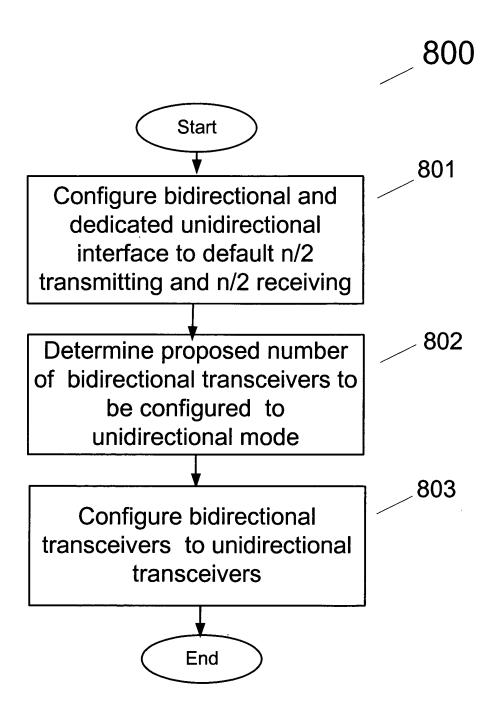


Fig. 8

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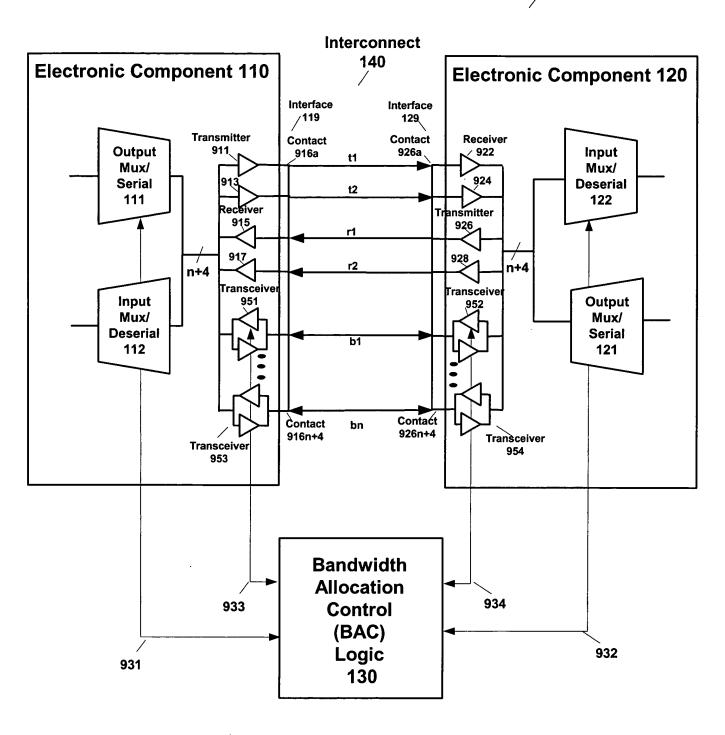


Fig. 9

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Atty: Phone:

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Express Mail No.: EV 391867365 US

: RAMB-01050US0 Kirk J. DeNiro, Esq. (415) 369-9660

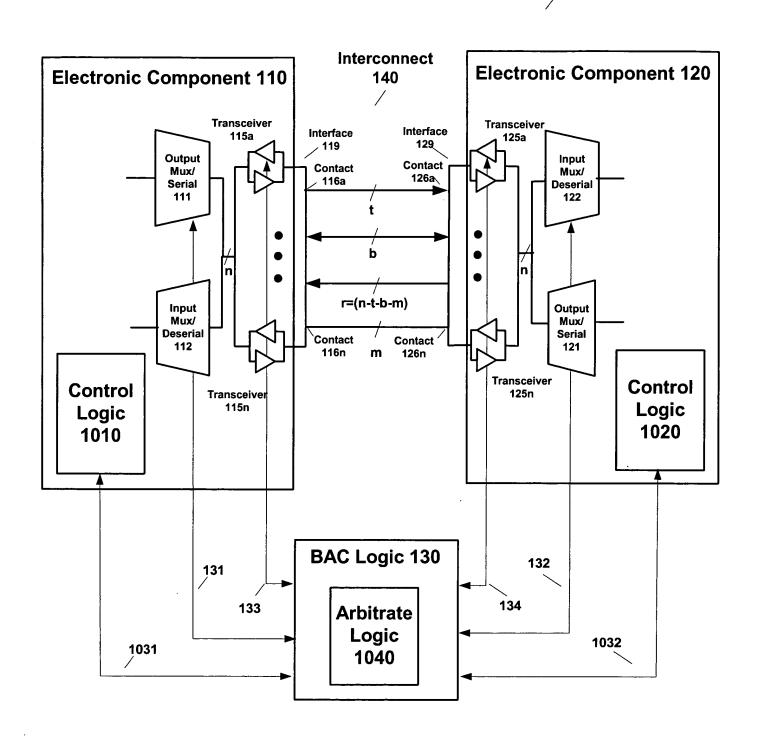


Fig. 10

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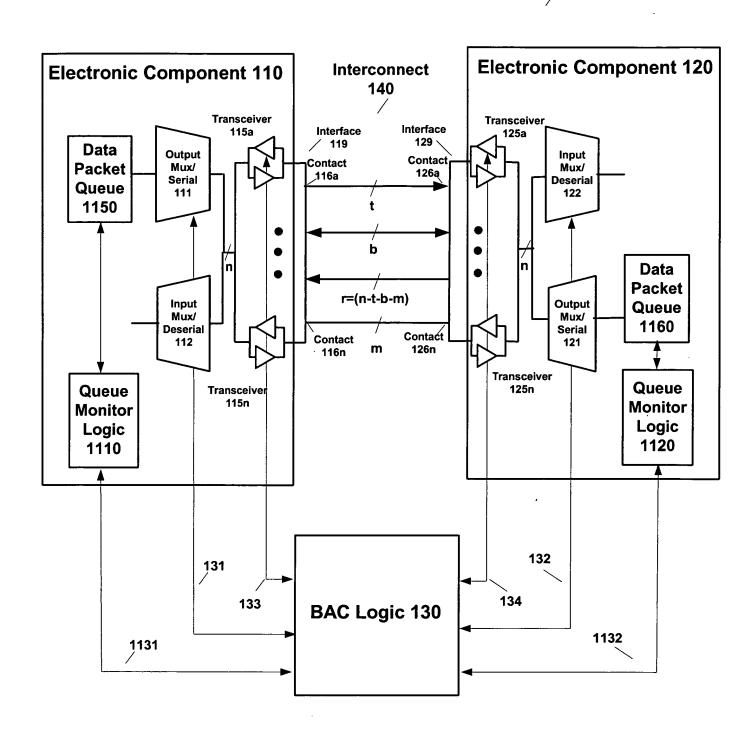


Fig. 11

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Title: Adaptive-Allocation Of I/O Bandwidth Using A Configurable Interconnect Topology Applicants: Michael Ching et al. Docket: RAMB-01050US0

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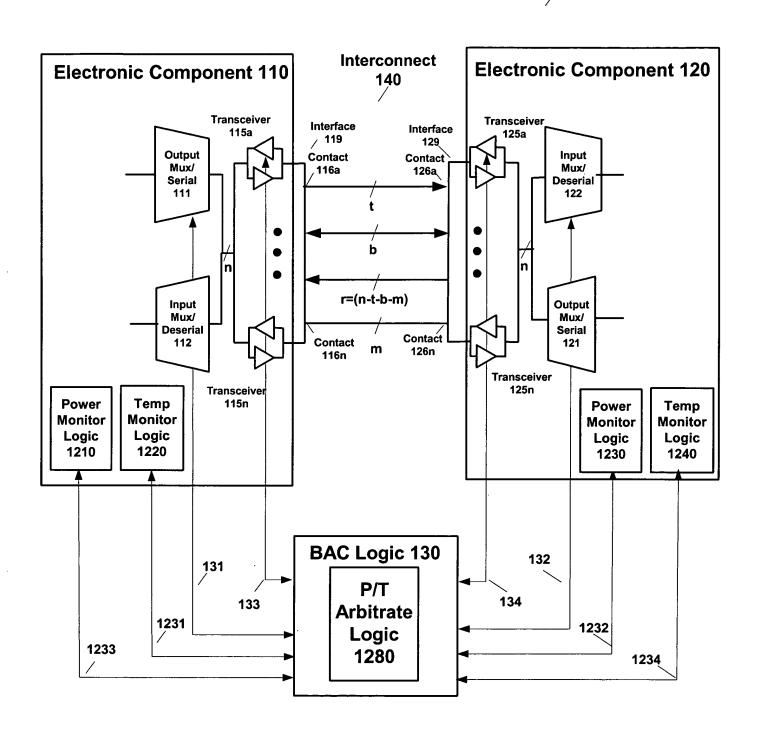


Fig. 12

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Docket: RAMB-01050US0 Atty: Kirk J. DeNiro, Esq. Phone: (415) 369-9660

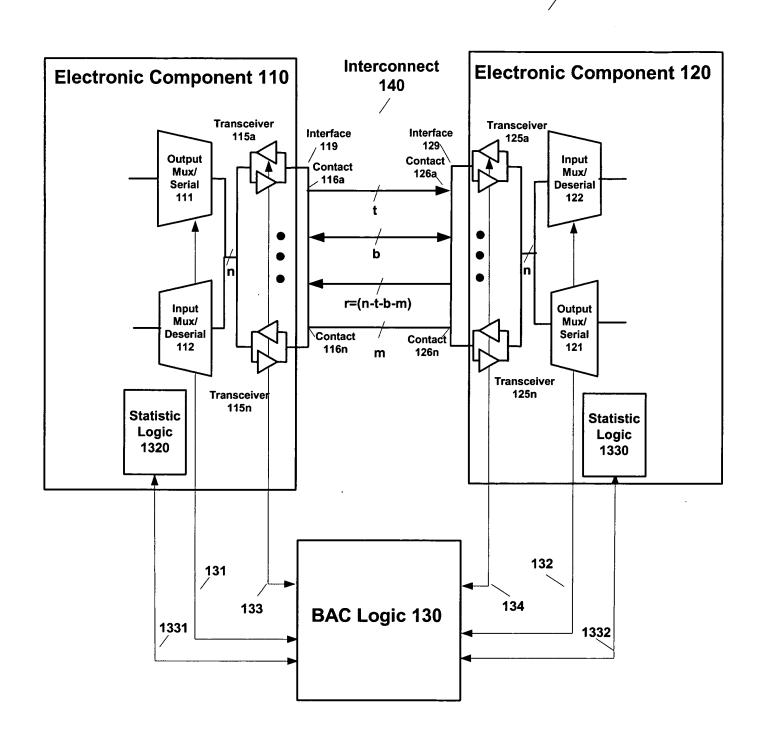


Fig. 13

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Title: Adaptive-Allocation Of I/O Bandwidth Using A Configurable Interconnect Topology Applicants:

Michael Ching et al. Appl. No.: Unknown Filing Date: Herewith

Docket: RAMB-01050US0 Kirk J. DeNiro, Esq. Atty: Phone: (415) 369-9660

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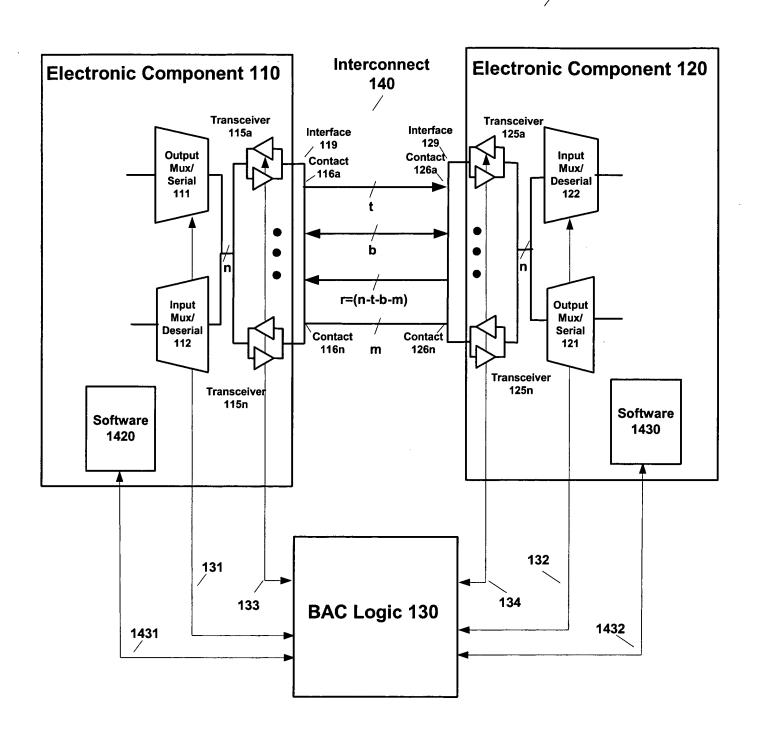


Fig. 14

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Title: Adaptive-Allocation Of I/O Bandwidth Using A Configurable Interconnect Topology

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Express Mail No.: EV 391867365 US Docket: RAMB-01050US0 Kirk J. DeNiro, Esq. Atty: Phone: (415) 369-9660

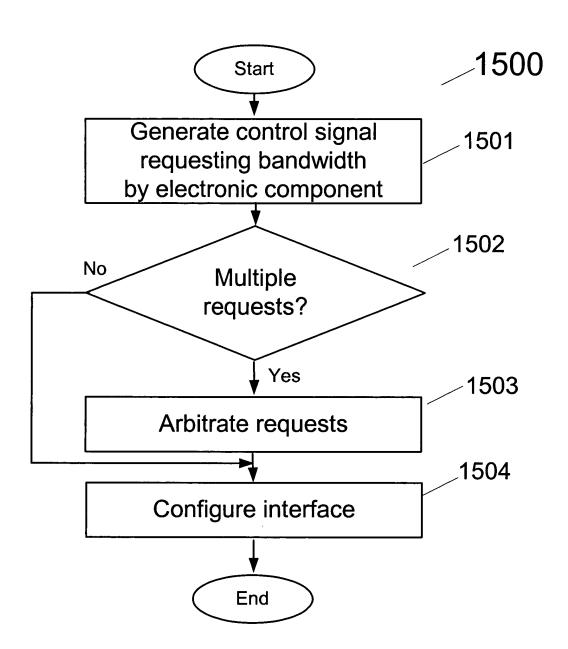


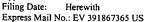
Fig. 15

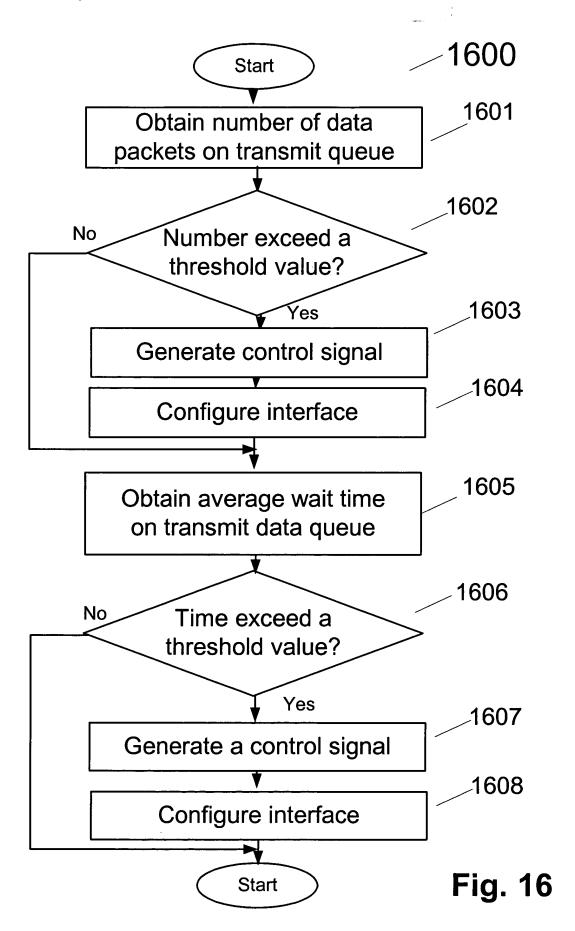
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Title: Adaptive-Allocation Of I/O Bandwidth Using A Configurable Interconnect Topology Applicants: Michael Ching et al. Docket: RAMB-01050US0

Applicants: Michael Ching e
Appl. No.: Unknown
Filing Date: Herewith

Docket: Atty: Phone: RAMB-01050US0 Kirk J. DeNiro, Esq. (415) 369-9660





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Applicants: Michael Ching et al.
Appl. No.: Unknown
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Express Meil No.: EV 2018/23/6 US

Docket: RAMB-01050US0 Atty: Kirk J. DeNiro, Esq. Phone: (415) 369-9660

Filing Date: Phone: (415) 369-9660 Express Mail No.: EV 391867365 US 1700 Start 1701 Obtain power consumption 1702 No Consumption exceed a threshold value? 1703 Yes Generate control signal 1704 Configure interface 1705 Multiple No power control signals? Yes 1706 **Arbitrate** 1707 Configure interface

Fig. 17

Start

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Docket: RAMB-01050US0 Kirk J. DeNiro, Esq. Atty: Phone: (415) 369-9660

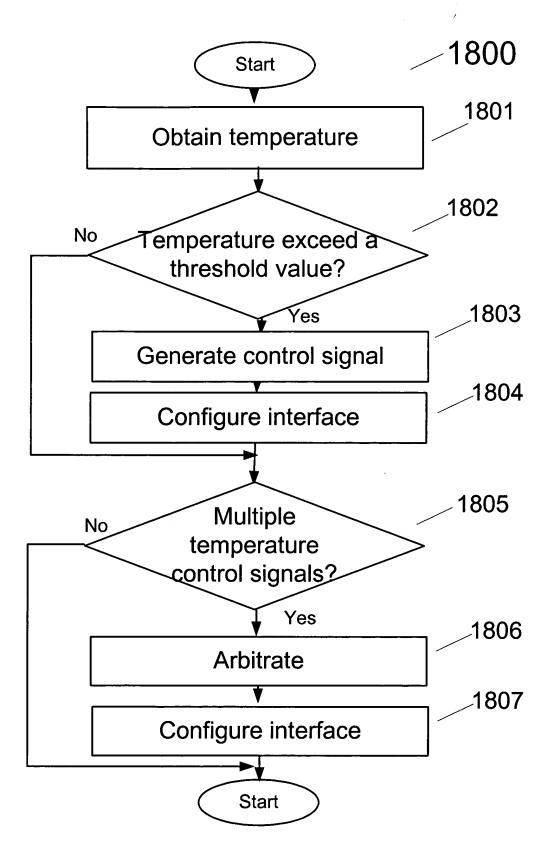


Fig. 18

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Docket: RAMB-01050US0 Kirk J. DeNiro, Esq. Atty: Phone: (415) 369-9660

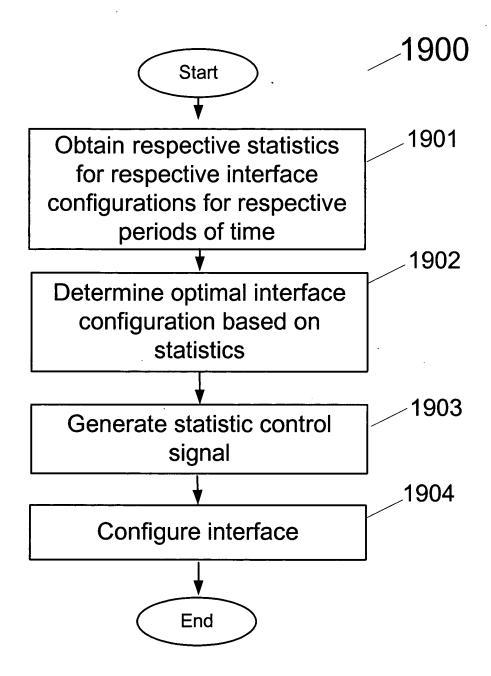


Fig. 19

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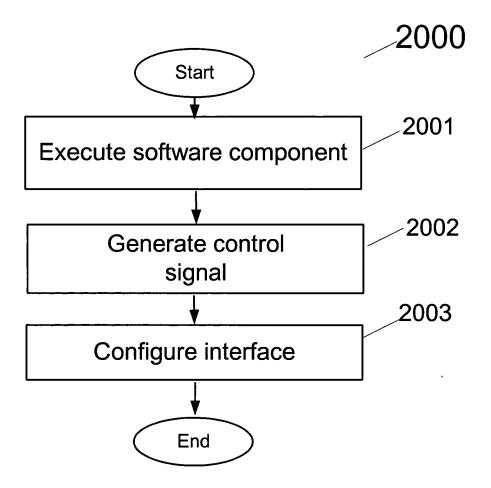


Fig. 20